Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of diagnosing chronic fatigue syndrome in a patient exhibiting symptoms associated with chronic fatigue syndrome, comprising:

evaluating the patient for serologic evidence of EBV and HCMV, further comprising:

obtaining serum from the patient;

measuring the level of EBV IgM antibodies to the VCA in the serum by measuring nonstructural epitopes for incomplete virus multiplication;

measuring the level of EBV antibodies to the total EA in the serum by measuring nonstructural epitopes for incomplete virus multiplication;

measuring the level of HCMV IgM antibodies in the serum by measuring nonstructural epitopes for incomplete virus multiplication;

measuring the level of HCMV IgG antibodies in the serum by measuring nonstructural epitopes for incomplete virus multiplication;

~~monitoring the patient for T-wave abnormalities;~~

classifying EBV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies to the VCA for EBV; and 2) presence of total EA antibodies for EBV, in combination with the absence of IgM antibodies for HCMV and a low level of IgG antibodies for HCMV;

classifying HCMV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for HCMV, in combination with a low level of IgM antibodies to the VCA for EBV, and the absence of total EA antibodies for EBV; and

classifying a combination of EBV and HCMV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies to the VCA for EBV; and 2) the presence of total EA antibodies for EBV,

in combination with any of the following: 1) an elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for HCMV.

2. (Original) The method of claim 1, wherein the patient's T-waves are monitored through electrocardiographic monitoring.

3. (Original) The method of claim 1, wherein the patient's T-waves are monitored through Holter monitoring.

4. (Original) The method of claim 1, further comprising the step of conducting a stress multiple gaited acquisition test to check for the presence of an abnormal ventricular dynamics.

5. (Original) The method of claim 1, further comprising the step of conducting a myocardial perfusion test to check for coronary artery disease.

6. (Original) The method of claim 1, further comprising the step of conducting a cardiac catheterization to determine if a cardiomyopathy exists.

7. (Original) The method of claim 1, further comprising the step of conducting an endomyocardial biopsy to check for EBV or HCMV nucleic acids.

8. (Original) The method of claim 7, further comprising the step of conducting a polymerase chain reaction study of the biopsy for EBV and HCMV to determine the cause of the chronic fatigue syndrome.

9. (Original) The method of claim 7, further comprising the step of conducting in-situ hybridization analysis of the biopsy for EBV and HCMV to determine the cause of the chronic fatigue syndrome.

10. (Original) A method of diagnosing chronic fatigue syndrome in a patient exhibiting symptoms associated with chronic fatigue syndrome, comprising:

evaluating the patient for serologic evidence of EBV and HCMV, further comprising:

obtaining serum from the patient;

measuring the level of EBV IgM antibodies to the VCA in the serum by ELISA method;

measuring the level of EBV antibodies to the total EA in the serum by ELISA method;

measuring the level of HCMV IgM antibodies in the serum by measuring antigens p52 and CM_2 with the use of a light scattering technique;

measuring the level of HCMV IgG antibodies in the serum by measuring antigens p52 and CM_2 with the use of a light scattering technique;

monitoring the patient for T-wave abnormalities;

classifying EBV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies to the VCA for EBV; and 2) presence of total EA antibodies for EBV, in combination with the absence of IgM antibodies for HCMV and a low level of IgG antibodies for HCMV;

classifying HCMV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for HCMV, in combination with a low level of IgM antibodies to the VCA for EBV, and the absence of total EA antibodies for EBV; and

classifying a combination of EBV and HCMV as the cause of the chronic fatigue syndrome when the measurements show any one of the following: 1) an elevated level of IgM antibodies to the VCA for EBV; and 2) the presence of total EA antibodies for EBV, in combination with any of the following: 1) an elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for HCMV.

11.-23. (Cancelled)